

# MAKING RAPID STRIDES IN COAL PRODUCTION

Virginia Increased Its Output Last Year 12 Per Cent Over Preceding Year.

## MANY HEAR STATE GEOLOGIST

Dr. Thomas L. Watson Delivers Interesting Lecture on Coal Industry of This State Before Richmond Society of Engineers.

How Virginia is making rapid strides in coal production was told in an interesting lecture last night by Dr. Thomas Leonard Watson, State Geologist, at the Virginia Mechanics' Institute, where he spoke under the auspices of the Richmond Society of Engineers. The lecture was the first of a popular course on technical subjects to be given by the society during the winter, and was largely attended.

Virginia, Dr. Watson said, is now the sixth of the twenty-eight coal-producing States. Its production, he showed, has increased enormously during the past few years, and with its almost limitless source of supply, and new fields being developed, Virginia may soon rank as one of the leading States in the quantity of coal mined each year. Its quality is new equal, and surpasses much of the coal produced in the most celebrated sections. The lecture was an illustrated one, Dr. Watson showing by actual photographs many scenes in the coal fields of Virginia. He is in charge of the department overseeing this class of work, and is necessarily familiar with the people in every detail. The fact that Virginia is coming forward so rapidly in its coal production made the lecture an interesting one, and in the big audience was practically every whole-sale and retail dealer in the city, while representatives of freight departments of several railroads were also present.

## TWELVE PER CENT INCREASE IN VOLUME OF PRODUCTION

Virginia in 1913 produced 8,228,368 short tons of coal, Dr. Watson said. This was an increase of 12.1 per cent over the preceding year. The total value of the coal mined during the year was \$7,518,576, or an increase of \$1,434,077.

Even with this huge amount of coal being taken from the earth, there is little possibility of the Virginia field ever being worked out, according to figures supplied by the speaker. During the past ninety-one years the total production has been 96,237,781 short tons, where there still remains to be mined the enormous sum of 22,403,712,213 tons, which is 2,500 times the amount produced last year.

There were 9,162 men directly employed in mining coal in Virginia in 1913. They worked on an average of 261 days during the year, producing an average of 3.4 tons per man. There were only twenty-four fatalities during the year. Not a single strike or lockout occurred in Virginia in 1913.

Dr. Watson divided the State into three coal-producing districts. The Richmond basin, including the Counties of Henrico, Chesterfield, Gloucester, Powhatan and Amelia, contains 1,500 square miles. This basin, said Dr. Watson, has the only valuable vein adjacent to tidewater, on the Atlantic seaboard. It was here that the first mining in America was done, as early as 1750.

The Mississippi basin, formed by the Counties of Frederick, Augusta, Harbinger, Botetourt, Roanoke, Pulaski, Montgomery, Blaine and Wythe, contains 400 square miles, while the Pennsylvania basin, comprising the Counties of Tazewell, Buchanan, Dickenson, Wise, Lee and Russell, is the largest and most productive, having 1,500 square miles to draw from.

## BALTIMORE EXPERT WILL SPEAK ON CITY PLANNING

E. W. Farley, chairman of the committee on lectures, presided at the meeting, and introduced Arthur Scrivener, who, after outlining the work of the organization in a short talk, introduced the speaker of the evening.

Mr. Scrivener announced that Major J. W. Shirley, of Baltimore, chief engineer on the Baltimore Topographical Survey Commission, who was in charge of the making over of that city and its park system, would speak here under the auspices of the society on December 18, taking as his subject, "City Planning," which is a vital topic here at the present time. Early in January the society will have Dr. Wirt Tassin, inventor of the method by which defects in steel are determined, deliver a public lecture. Dr. Tassin revolutionized the steel industry with his discovery, and both the United States government and the Krupp Company, which turns out the big cannons used by the German army, are using it in testing the products of the gun factories.

The lectures are open to the public, and, while dealing with technical subjects, the topics are handled so that the layman can get the meat of them. It is for the public that the series was planned.

## STATE LIBRARY FILES ITS ANNUAL REPORT

Has Acquired Many Valuable Books, Pamphlets and Manuscripts During Past Year.

Chairman Armistead C. Gordon yesterday submitted to Governor Stuart the annual report of the State Library Board.

It is made up of a brief account of the work of the board for the year ended October 31, and carries the report of the State Librarian to the board and reports made by assistants to the Librarian.

It is shown that, exclusive of appropriations made by the Legislature, the receipts of the library for the year amounted to \$4,466.23, including a balance of \$11,536 on hand at the close of the preceding year. The expenditures were \$3,884.71.

The growth of the library in the last year is discussed at some length. There were added to the main library during the year 5,198 books, pamphlets and bound periodicals, 721 by purchase and 2,477 by gift and exchange.

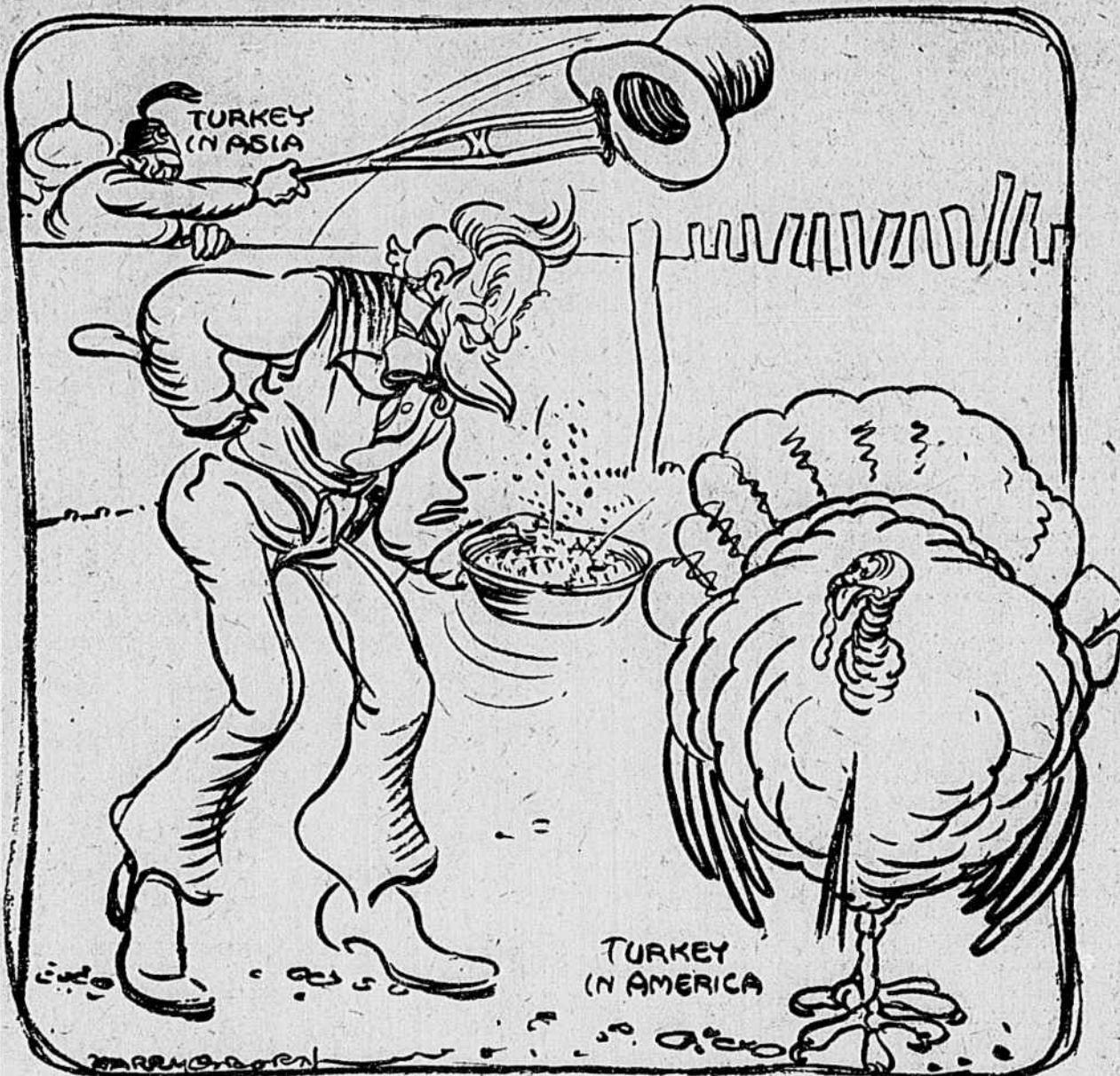
The most notable addition to the library in the year consisted of the manuscript in reference to the ownership of which a dispute has been going on for two years between the heirs of the late Benson J. Lossing, the historian, and the State of Virginia. These manuscripts are of great historical importance. There are 117 of them. They were the property of the colony of Virginia in Colonial days.

The number of people visiting the library in the last year was not so large as in the preceding year.

**Content Tax Assessment.** Contending that the assessment of taxes against the estate of John A. Marshall, of Alexandria, is excessive, administrators of the estate have neglected to pay up. This contested account, including back taxes, amounts to about \$20,000.

To recover the unpaid taxes a suit will be brought by the Commonwealth against the estate in the Corporation Court of Alexandria November 30. Colonel Francis L. Smith will represent the Commonwealth in the litigation.

# A PERFECTLY USELESS DIVERSION



The Domestic Turkey Is More Interesting Just Now Than the Foreign Variety.

## THREE OPINIONS HANDED DOWN BY FEDERAL COURT

T. K. Parrish Secures New Trial in Suit Involving Tract of Timber Land.

Three opinions were handed down yesterday in the United States Circuit Court of Appeals. Only one case was from 261 to 262. In that suit T. K. Parrish, of this city, was granted a new trial in his action against the Foreman-Blades Lumber Company, which involves the ownership of a large tract of timber land in North Carolina. In the lower court the defendant won, but the upper court reversed the decision and ordered a new trial. Subsequently, it granted a rehearing of the appeal, but adhered to its former opinion.

One of the most interesting cases decided at the present term was that of Maggie Sheffey and others against the Davis Colliery Company. In this suit the title to valuable West Virginia property was involved. This land, about 5,000 acres, in Randolph County, was owned by Hugh W. Sheffey, a prominent attorney of Staunton, who died intestate in 1885. His liabilities were far in excess of his assets, and a chancery suit was instituted in the Randolph County Circuit Court, and a commissioner appointed to sell the property.

## To-Day and To-Night in Richmond

Richmond Committee on Belgian Relief, Chamber of Commerce, 5 P. M. Address, "The Future of Palestine," Dr. E. N. Calish, Beth Abahab Synagogue, 8:15 P. M. Concert for Belgian Relief, Assembly Hall, Glister Park, 8:30 P. M. Amateur comedy for charity, Philadelphia, Hanover Christian Church, at William B. Hays, 8:30 P. M. Amateur Minstrel, benefit Duplex Baseball Club, Bellevue School, 8 P. M. Parcel post party and social, Church of Holy Comforter, 8 P. M. Concert for Belgian relief, Highland Park School, 8:15 P. M.

## THE WEATHER

Forecast: Virginia—Fair and much colder Friday with a cold wave in west Saturday fair. North Carolina—Fair and much colder Friday with a cold wave in west and central portions Saturday fair.

Local Temperature Yesterday.	41
3 P. M. temperature.	37
8 P. M. temperature.	37
Minimum temperature to 8 P. M.	34
Minimum temperature to 8 P. M.	32
Mean temperature.	38
Normal temperature.	48
Deficiency in temperature yesterday.	10
Deficiency in temperature since January 1.	199
Accumulated deficiency in rainfall since January 1.	218

Local Rainfall Yesterday. Rainfall last twenty-four hours. None. Deficiency in rainfall since March 1. 10.45. Accumulated deficiency in rainfall since January 1. 9.65.

Local Observations at 8 P. M. Yesterday. Temperature, 37; humidity, 71; wind, direction, northwest; wind, velocity, 3; weather, clear.

Place.	Ther. H. T. T. Weather.
Asheville.	38 48 Cloudy
Atlanta.	34 50 34 Cloudy
Baltimore.	42 48 42 Cloudy
Boston.	34 40 30 Rain
Buffalo.	34 40 30 Cloudy
Calcutta.	82 84 82 Clear
Charleston.	46 52 46 Clear
Chicago.	16 20 14 Clear
Denver.	56 60 54 Clear
Detroit.	48 52 48 Clear
Galveston.	60 64 50 Clear
Hatteras.	52 56 52 Rain
Hayward.	48 52 48 Cloudy
Jacksonville.	52 56 52 Clear
Kansas City.	22 24 20 Clear
Louisville.	38 42 38 Clear
Montgomery.	52 56 52 Cloudy
New Orleans.	68 72 68 Clear
New York.	40 42 32 Rain
Norfolk.	42 46 42 Cloudy
Oklahoma.	30 36 30 Clear
Pittsburgh.	34 42 30 Snow
Raleigh.	46 52 46 Clear
St. Louis.	42 46 42 Clear
San Francisco.	68 72 68 Clear
Savannah.	48 52 48 Clear
Spokane.	42 46 42 Clear
Tampa.	66 70 66 P. cloudy
Washington.	36 40 36 Clear
Winnipeg.	12 16 12 Cloudy
Wytheville.	32 36 32 Clear

MINIATURE ALMANAC. November 30, 1914. HIGH TIDE: Sun rises. 6:56. Moon rises. 4:56. Sun sets. 4:56. Moon sets. 7:41.

## FOOLHARDY MINERS INURED TO DYNAMITE

The sheriff of Tazewell County is in hot pursuit of about forty miners, who quit their jobs in mines in the Pocahontas fields and hid themselves extremely elsewhere when they learned that Mine Inspector A. G. Lucas had sworn out warrants against them, charging violations of the State law which prohibits miners from endangering the lives of themselves and their companion workmen by carrying quantities of dynamite, blasting powder and other high explosives into the shafts and tunnels.

Inspector Lucas had rounded up forty-nine of the reckless miners for prosecution. He made a report by wire to Commissioner of Labor James B. Doherty on a batch of the cases that came to trial yesterday morning. The inspectors secured convictions in all the cases tried. The miners convicted were fined \$5 and costs each. They are: H. Harrison, W. R. Keno, John Kelsey, Albert Scanty and John Bugar. These men preferred facing the music and paying the penalty of their recklessness to abandoning their jobs and evading the sheriff.

The conduct of these miners who insist upon violating section 9 of the State mining law is simply incomprehensible, said Commissioner Doherty, commenting upon the latest batch of convictions. "Why a man should haul enough dynamite around with him to blow up the whole works around him I have never been able to understand. These miners have no regard for the safety of their own lives or the lives of the more discreet men with whom they are working. They have no more fear of dynamite than if it were kerosene, judging from the way they lug the deadly stuff into the mines."

"We are doing everything in our power to compel obedience to the law, but it looks as if it were impossible to eliminate the foolhardy and reckless workmen from the mines. It is probably the daily handling of explosives that gives them their apparent contempt for danger. Inspectors of the department have even found quantities of high explosives stored in the dwelling-houses of foolhardy miners."



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Everything to be found anywhere for boys' wear is to be had right here in this huge boys' store of ours. And in the newest styles and latest cuts and patterns.

**Berry's, the Mothers' Store**  
ESTABLISHED 1879

# LECKY PUBLISHES NEW INSURANCE TABLES

Prepare Calculation of Revised Tariffs on Fire Insurance in Virginia.

The distinction of having solved the problem of tabulating the amendments to the fire insurance tariffs in Virginia has been accorded to Robert Lecky, Jr., of Richmond, who has prepared an ingenious set of tables showing the actual operations of the amendments. After the promulgation of the tariff amendments in Virginia, covering particularly dwellings, churches and schools, with the several rates of discounts, the calculations connected with combinations of ten and twenty, and ten and ten, confusion among the special agents and local agents as to the correct application of the discounts in ascertaining the net figure, was apparent.

Regarding Mr. Lecky's achievement, the New York Journal of Commerce says in part: "Robert Lecky, Jr., of Richmond, has prepared the tables which show actual operations of these amendments, together with the treating of the decimals which appeared in the calculations. These have been brought and published in convenient form. Local agents in Richmond who have had access to these tables say that they solve all calculations connected with the new amendments involving discounts and the term rates, so that there is no excuse for any variation which might result from an individual calculation. All of the calculations are carried out to three decimal points, and each one of them has been checked by several mathematicians, and is declared to be accurate."

## READY TO SHIP PROVISIONS IN ANY AMOUNT TO BELGIUM

American Commission for Relief Opens Offices and Hires Dock Space in New York.

NEW YORK, November 19.—The American Commission for Relief in Belgium, formed by Ambassador Walter Hines Page in London, has opened offices and hired dock space in New York. The commission announced today it was ready to ship provisions in any quantity to Belgium. This commission is attending strictly

## How It Happened

BY KATE LANGLEY BOSHER

"Dickens might have added this delightful Yuletide tale to his list of Christmas stories without lessening his laurels." —Cleveland Christian World.

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The Southern Manufacturing Co. Richmond, Va.

## And Still the Good Work Goes On

Had Rheumatism and a Severe Stomach Trouble, but Read What He Says.

The only real way to learn whether or not Quaker Herb Extract and Oil of Balm are making all the local cures that are published is to visit Tragle's and listen to the reports of the people who have used the remedies and learn what Quaker Extract will do in your own case. Here is a report of a man living in this city who had rheumatism and stomach trouble for a long time. The pains were at times almost unbearable. When he rose in the morning he felt more tired and stiff than before retiring. He would have a nauseated feeling, and his appetite was changeable. Headaches were frequent and pains in his stomach, sides and back kept him in misery. His limbs ached nearly all the time, and a dislocation at times assailed him. The various medicines used by the man would seemingly have done some good, but they did not. He was almost

to transportation, and does not conflict with relief committees already constituted in America. It has funds to handle all shipments, and has made diplomatic arrangements to have food sent through expeditiously and without interference.

Lindon W. Bates, American vice-chairman of the commission, said today: "In spite of efforts of Belgian relief committees, the Rockefeller Foundation and other organizations, Belgium cannot be fed at the present pace. American members of the commission do not see how we must send at least a half-million tons of food this winter."

Women's organizations, whose memberships aggregate 5,000,000, have enrolled in an executive co-operating committee to handle the food. The committee for Relief in Belgium, officers of the women's section of the commission announced to-night. Fourteen national and international women's societies, including the Congress of Mothers, International Women's Suffrage Alliance, Women's Christian Temperance Union and the Daughters of the American Revolution, have joined the movement.

## Information for Lung Sufferers

The makers of Eckman's Alternative will be pleased to send reports of recoveries from tuberculosis and a booklet of interest to sufferers, with information about diet and fresh air. Investigate this case:

"2141 Susquehanna Ave., Phila., Pa. 'My Dear Sir: For two years I was afflicted with hemorrhages of the lungs, and later I was taken with a severe attack of pneumonia. When I recovered sufficiently to walk about the house I was left with a frightful hacking cough, which no medicine could take could alleviate. It was at this time, March, 1902, that I started taking Eckman's Alternative. In a short time my cough was gone, and I was pronounced well. I cannot speak too highly for the good it has done.' (Abbreviated)"

(Signed) HOWARD L. KIOTZ. Eckman's Alternative is most efficacious in bronchial catarrh and severe throat and lung affections and upbuilding the system. Contains no harmful or habit-forming drugs. Accompanied by substitutes. Small size, \$1; regular size, \$2. Sold by leading druggists. Write for booklet of recoveries. Eckman Laboratory, Philadelphia. Sold by Tragle Drug Co., Richmond, Va.

## Why Suffer With Backache?

Indigestion, Liver, Kidney, Bladder or Stomach Trouble? You can get a GUARANTEED remedy of your druggist. It has benefited 5,000 people in Richmond. It probably would help you. Remember the name, TRIPP'S STOMACH BITTERS.

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## And Still the Good Work Goes On

fully that I have received more real relief from them in that short time than from all the other stuff combined. I feel better in every way; the pains leaving my limbs, and have better rest, a good appetite, and am stronger than ever before in all my trouble. Quaker Herb Extract certainly deserves the support of any ailing man as I was."

This is but one of the seven cases reported, and only serves to show what a really remarkable remedy it does in cases of stomach, liver, kidney, blood and female troubles. If you have not already called at Tragle's drug store, 817 East Broad Street, you are surely missing an opportunity of being cured of your trouble. Quaker Herb Extract, \$1.00; three for \$2.50, six for \$5.00. Oil of Balm, 50 cents.—Advertisement.